



Intelligent Graphic and Text Programming

Large LCD display indicates pH or mV and temperature simultaneously

NEMA 4X, IP65, ½ DIN enclosure

Sample averaging to enhance stability

Solution ground input eliminates reference ground potentials

The TX3100 replaces the Sensorex TX3000 as our pH and ORP/mV monitoring instrument in a ½ DIN size.

This transmitter / controller can be used in a variety of water and wastewater monitoring applications, including industrial water and wastewater treatment, chemical processing, and environmental monitoring.

The TX3100 features brand new firmware and an updated user interface with user friendly text and graphical illustrations. This makes the instrument more intuitive to use compared with the older TX3000.

SPECIFICATIONS

Calibration Mode	Tech, NIST, Any (up to 3 points)
Analog Output 1	0/4 -20mA (pH or ORP), Max load 500 Ω.
Analog Output 2	0/4-20mA (temperature), Max load 500 Ω
Voltage Output	DC +/- 12V, 1 W max
Set-Points	Contact: 240V AC, 0.5A max Activate: 2 setpoints Hi/Low, High/High, Low/Low, On/Off
Wash Setting	Contact: 240V AC, 30V DC, 5.0A max On: 0-9999 seconds Off: 0-9999 hours
Dimensions	½ DIN: 144 mm (5.67") x 144 mm (5.67") x 115 mm (4.53")
Weight	0.80kg (1.75lb)
Mounting Options	Panel or Wall Mount
Ambient Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Temperature Compensation	Automatic PT1000 or manual
Power Requirement	100-240V AC +/- 10%, 50/60 Hz

MEASUREMENTS

pH	Range: -2.00 to 16.00pH Resolution: 0.01 pH Accuracy: ±0.01 pH
ORP/mV	Range: -1999mV to 1999mV Resolution: 1mV Accuracy: ±1mV
Temperature	Range: -30°C to 130°C Resolution: 0.1°C Accuracy: ±0.2°C

COMPATIBLE SENSORS

pH	<ul style="list-style-type: none"> SD7500CD S8000CD + EA899TC/P1K + S855/10/TL/TL + FC875T S272CDTC/P1K/10/TL/TL
ORP/mV	<ul style="list-style-type: none"> SD7500CD-ORP S8000CD-ORP + EA899 + S853/10/TL + FC875T S272CD-ORP/10/TL

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

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